

REMARKS

Claims 4-9 remain pending in this application. Claims 4-9 are rejected. Claims 1-3 are previously cancelled. Claims 4-9 are amended herein to clarify the invention, to express the invention in alternative wording and to address matters of form unrelated to substantive patentability issues.

Applicant herein traverses and respectfully requests reconsideration of the rejection of the claims cited in the above-referenced Office Action.

Claims 4-6 and 8 are rejected under 35 U.S.C. § 102(b) as being anticipated by Hyo-Moon (US 6,230,356). Applicant herein respectfully traverses these rejections. "Anticipation requires the presence in a single prior art reference disclosure of each and every element of the claimed invention, *arranged as in the claim.*" *Lindemann Maschinenfabrik GmbH v. American Hoist & Derrick Co.*, 221 USPQ 481, 485 (Fed. Cir. 1984) (emphasis added). It is respectfully submitted that the cited reference is deficient with regard to the following.

Independent claim 1 is amended, and recites in pertinent part the following:

a toothbrush rod;

a leaf spring having a normal arcuate curvature, said leaf spring being connected to a front end of said toothbrush rod, said leaf spring having an

orientation extending forwardly and curving upwardly from said front end;

brush segments each including inlaid bristles, said brush segments being disposed on said leaf spring, and oriented such that said bristles extend directionally from a bottom surface of said leaf spring;

a brush piece including other inlaid bristles being disposed on said leaf spring in a position forward of said brush segments with said other bristles extending directionally from the bottom surface of the leaf spring, said brush piece including a protruded top portion presenting thereon a rearwardly facing surface which is slanted forwardly in an upward direction; and

an actuating member including a forwardly disposed operating plate, said actuating member being slidably mounted on said toothbrush rod such that when said actuating member is slidably moved in a forward direction, said operating plate initially overlays a top surface of said spring, thereby flattening said spring against a bias of the normal

arcuate curvature thereof; further slidable forward movement of said actuating member bringing a portion of said operating plate into engagement with said rearwardly facing surface of said protruded top portion of said brush piece, causing said brush piece to pivot downward relative to said toothbrush rod against the bias of said leaf spring

In accordance with the language of independent claim 1, the claimed toothbrush includes a brush piece which has a protruded top portion presenting thereon a rearwardly facing surface which is slanted forwardly in an upward direction, such that when an actuating member including a forwardly disposed operating plate is slidably moved in a forward direction a sufficient distance, a portion of the operating plate is brought into engagement with the rearwardly facing surface of the protruded top portion of the brush piece, causing the brush piece to pivot downward relative to the toothbrush rod against the bias of the leaf spring. Applicant respectfully submits that no such structural arrangement is taught or suggested by the cited Hyo-Moon reference.

In view of the above, it is respectfully submitted that claims 4-6 and 8 particularly describe and distinctly claim elements not disclosed in the cited

reference. Therefore, reconsideration of the rejections of claims 4-6 and 8 and their allowance are respectfully requested.

Claims 4-9 are rejected under 35 U.S.C. § 102(b) as being anticipated by Hyo-Moon (KR 195-362). Applicant herein respectfully traverses these rejections.

It is respectfully submitted that the above highlighted feature of independent claim 1, i.e., a pivotable brush piece which has a protruded top portion presenting thereon a rearwardly facing surface which is slanted forwardly in an upward direction and which is acted upon by an operating plate when the latter is slidably moved in a forward direction a sufficient distance to effect pivoting of the brush piece in a downward direction relative to the toothbrush rod against the bias of the leaf spring, is clearly absent from the disclosure of the cited Korean reference.

In view of the above, it is respectfully submitted that claims 4-9 particularly describe and distinctly claim elements not disclosed in the cited reference. Therefore, reconsideration of the rejections of claims 4-9 and their allowance are respectfully requested.

Applicant respectfully requests a one (1) month extension of time for responding to the Office Action. Please charge the fee of \$60 for the extension of time to Deposit Account No. 10-1250.

The USPTO is hereby authorized to charge any fee(s) or fee(s) deficiency or credit any excess payment to Deposit Account No. 10-1250.

In light of the foregoing, the application is now believed to be in proper form
for allowance of all claims and notice to that effect is earnestly solicited.

Respectfully submitted,
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